



NAVTEQ



Skip Parker
NAVTEQ

GIS-T “Lightning
Talk” on TFTN

1. What does TFTN mean to me?

- TFTN is a consistent base map with a common data structure that can be used across all commonly used GIS applications.
- TFTN should be sourced and developed in a cost effective manner to achieve accurate and current coverage.
- TFTN should include centerlines for all roads.
- Commercial map producers should be considered as a source.



2. What is role of various levels of government?

- ▶ Federal Government should be steward of TFTN standards.
- ▶ State Governments are the intermediaries responsible for communication between federal and locals. They can influence and enforce the standards.
- ▶ TFTN sourcing can be supported through public-private partnerships. State Governments can help manage this process.
- ▶ Local governments can build their individual requirements on top of TFTN. TFTN should be accessible via all GIS software tools.



Example of a Public / Private Partnership

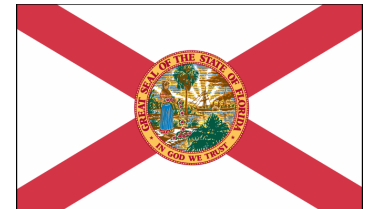
- ▶ NAVTEQ and several states have created partnerships that benefit all parties.
- ▶ NAVTEQ and states can both provide content, maintained by NAVTEQ, and available to all state agencies and local governments.
- ▶ NAVTEQ field geographers work in partnership with governments to update the map.
- ▶ Constituents receive the results via commercial internet map portals (fee access: Bing, Yahoo, MapQuest), navigation devices and wireless phones.
- ▶ Another example: NAVTEQ is the base map for many federal programs, such as HSIP Gold.



Virginia
The Old Dominion



New York
The Empire State



Florida
The Sunshine State

3. What is the role of other stakeholders?

- ▶ The commercial sector is a fast and economical way to source and maintain national transportation data.
- ▶ Commercial companies have been involved in developing a navigable street network for a quarter century. We can help government define standards, collect data, and aggregate data for TFTN.
- ▶ User-generated content inputs are alive and well today in the commercial sector, with the ability for your constituents to update maps. As an example, NAVTEQ Map Reporter technology processes millions of user-generated map updates a year.



4. What is the availability of data?



- ▶ Accurate geometry for all road centerlines exists today from commercial map companies.
- ▶ These are formatted for use by all popular GIS applications.
- ▶ Due to economies of scale, commercial companies can provide faster and more economical access to TFTN.
- ▶ TFTN would be available to all levels of government – local, state, and federal. And it's already available to constituents.

Next!

